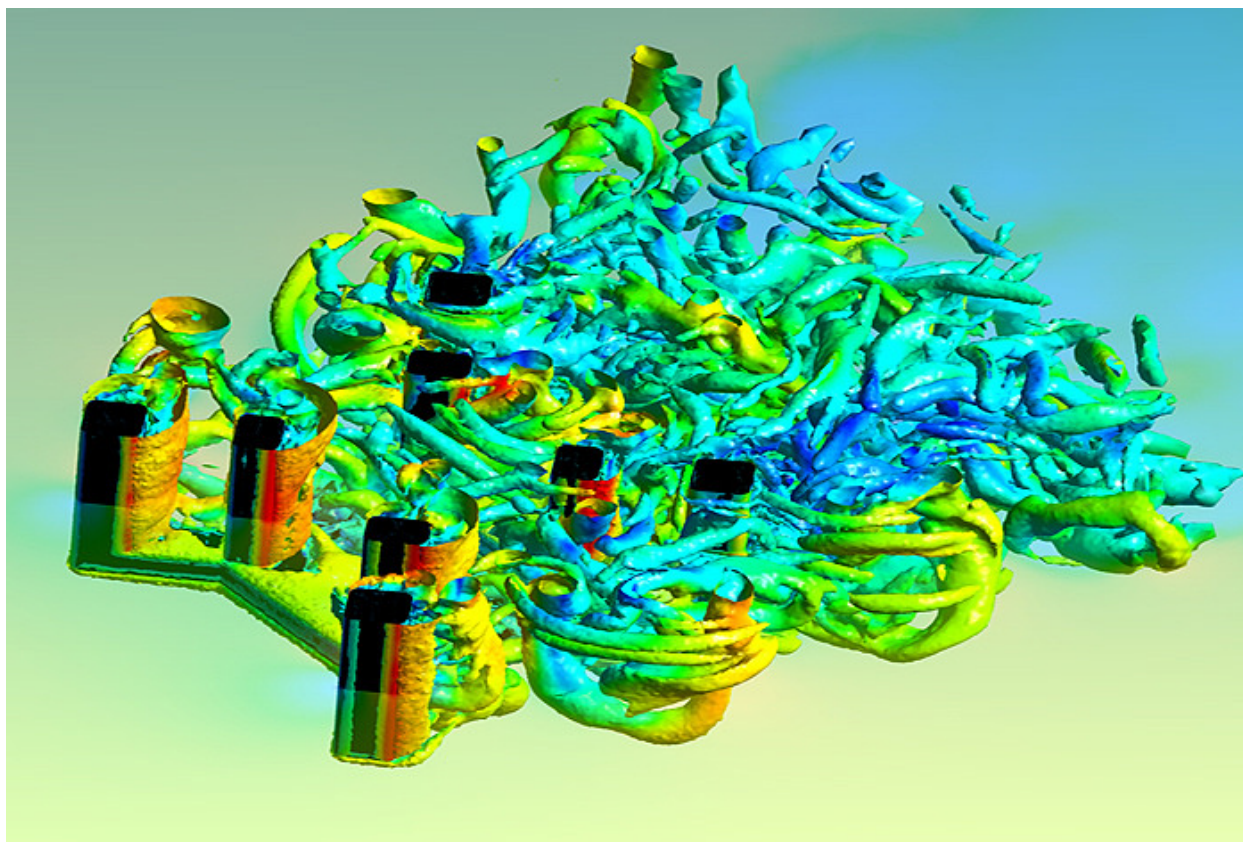


Picture of the Week: Supercomputing the vortex

April 12, 2015



This computer simulation of vortex induced motion (VIM) from Los Alamos National Laboratory shows how ocean currents affect offshore oil rigs. Vortex shedding affects the integrity of key components of offshore drilling stations, which directly impact system safety. The large size and complex physics of this problem requires advanced numerical simulations using supercomputers.

[READ MORE: Los Alamos computer simulation improves offshore drill rig safety](#)

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